

This listing of the claims will replace all prior versions and listing of the claims in the application.

Listing of Claims:

1-34. (cancelled)

35. (new) An aeroponic or hydroponic growing system comprising:

- a) an aeroponic or hydroponic garden including an aperture; and
- b) a seed cartridge comprising:
  - i. a rigid, cup-shaped frame adapted to fit in said aperture;
  - ii. a hydrophilic cellular substrate located in said cup-shaped frame; and
  - iii. at least one seed in contact with said hydrophilic cellular substrate.

36. (new) The aeroponic or hydroponic growing system of claim 35 wherein said rigid, cup-shaped frame comprises:

- a) an upper portion; and
- b) a lower portion;

wherein said lower portion of said rigid cup-shaped frame is adapted to fit in said aperture.

37. (new) The aeroponic or hydroponic growing system of claim 35 wherein said hydrophilic cellular substrate comprises a horticultural foam.

38. (new) The aeroponic or hydroponic growing system of claim 35 wherein said at least one seed is adhered to said hydrophilic cellular substrate.

39. (new) The aeroponic or hydroponic growing system of claim 35 wherein said rigid, cup-shaped frame comprises a plastic material.

40. (new) The aeroponic or hydroponic growing system of claim 35 wherein said seed cartridge further comprises a seal located over an upper portion of said rigid, cup-shaped frame.

41. (new) The aeroponic or hydroponic growing system of claim 35 wherein said seed cartridge is storable without germination of said seed until a desired time when aqueous solution is applied.
42. (new) The aeroponic or hydroponic growing system of claim 35 wherein said hydrophilic cellular substrate is dry.
43. (new) The aeroponic or hydroponic growing system of claim 35 wherein said rigid, cup-shaped frame is porous to aqueous solution and to a root growing from a plant germinated from said seed.
44. (new) The aeroponic or hydroponic growing system of claim 40 wherein said seal is a paper label.
45. (new) The aeroponic or hydroponic growing system of claim 40 wherein said seal is selected from the group consisting of: opaque, transparent, and translucent.
46. (new) The aeroponic or hydroponic growing system of claim 35 wherein said hydrophilic cellular substrate comprises a synthetic polymer.
47. (new) The aeroponic or hydroponic growing system of claim 35 wherein said hydrophilic cellular substrate comprises urethane pre-polymer reacted with one or more materials selected from the group consisting of: peat, bark and mixtures of peat and bark.
48. (new) The aeroponic or hydroponic growing system of claim 35 wherein said seed cartridge further comprises a seed-bearing substrate wherein said seed is in contact with said seed-bearing substrate and said seed-bearing substrate is in contact with said hydrophilic cellular substrate.
49. (new) The aeroponic or hydroponic growing system of claim 35 wherein said cartridge is adapted for transporting, supporting, and germinating said seed and for holding a plant germinated from said seed in said aeroponic or hydroponic garden throughout the life of said plant.

50. (new) The aeroponic or hydroponic growing system of claim 35 wherein said cartridge is adapted for removal of said cartridge and a plant germinated from said seed from said aeroponic or hydroponic garden for transplanting.
51. (new) A modular seed cartridge for an aeroponic or hydroponic garden, said modular seed cartridge comprising:
- a) a rigid, cup-shaped tapered frame, wherein said frame comprises an upper portion and a lower portion, wherein said lower portion is adapted to fit in an aperture in said aeroponic or hydroponic garden, wherein said upper portion comprises a lip, wherein said frame fits in said aperture to said lip;
  - b) a hydrophilic cellular substrate located in said cup-shaped frame; and
  - c) at least one seed in contact with said hydrophilic cellular substrate;
- wherein said frame fits in said aperture to said lip to provide stability for supporting a plant germinated from said seed in said aperture in said aeroponic or hydroponic garden and wherein said taper provides easier transplanting and less damage to one or more roots of a plant germinated from said seed when removing said plant from said hydroponic garden.
52. (new) A modular seed cartridge for an aeroponic or hydroponic garden, said modular seed cartridge comprising:
- a) a rigid, porous, cup-shaped tapered frame comprising a lip, wherein said frame is adapted to fit in an aperture in said aeroponic or hydroponic garden to said lip;
  - b) a hydrophilic cellular substrate located in said cup-shaped frame; and
  - c) at least one seed in contact with said hydrophilic cellular substrate;
- wherein said frame fits in said aperture up to said lip to provide stability for supporting a plant germinated from said seed in said aperture in said aeroponic or hydroponic garden;
- wherein said taper provides easier transplanting and less damage to one or more roots of a plant germinated from said seed, when removing said plant from said hydroponic garden;
- wherein said frame comprises a plastic material;

wherein said hydrophilic cellular substrate comprises a material selected from the group consisting of: horticultural foam, synthetic polymer, and urethane pre-polymer reacted with peat;

wherein said seed is adhered to said hydrophilic cellular substrate;

wherein said hydrophilic cellular substrate is dry and storable without germination of said seed until a desired time when said aqueous solution is applied;

wherein said frame is porous to said aqueous solution and is porous to a root growing from a plant germinated from said seed;

wherein said seed cartridge further comprises a paper label seal in contact with said lip; and

wherein said cartridge is useful for transporting, supporting, and germinating said seed and for holding a plant germinated from said seed in said aeroponic or hydroponic garden throughout the life of said plant.